

Purchase Order Receipt Listing

Wednesday, March 02, 2016 10:39:57 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO31522 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO31522	1		M6061T6S.063 sf		3/4/2016	3/2/2016	96.0000	\$2.15	0.0000	0	\$206.55
CAD	No		6061-T6 .063 Sheet sf m134377		96.0000	PLOU01		\$206.55	0.0000	0	
	2		M6061T6B2.000X05. f		3/4/2016	3/2/2016	12.0000	\$19.54	0.0000	0	\$234.45
	No		000 6061T6 Bar 2.00 x f 5.000 m134377		12.0000	PLOU01		\$234.45	0.0000	0	
	3		M6061T6B2.000X01. f		3/4/2016	3/2/2016	12.0000	\$4.99	0.0000	0	\$59.86
	No		250 6061-T6 Bar 2.00 x f 1.25 m134377		12.0000	PLOU01		\$59.86	0.0000	0	
	4		M6061T6B0.750X08. f		3/4/2016	3/2/2016	12.0000	\$11.78	0.0000	0	\$141.33
	No		000 6061-T6 BAR .750" f X 8.00" m134377		12.0000	PLOU01		\$141.33	0.0000	0	
	5		M6061T6B0.750X06. f		3/4/2016	3/2/2016	12.0000	\$8.73	0.0000	0	\$104.75
	No		000 6061T6 BAR .750 X f 6.00 m134377		12.0000	PLOU01		\$104.75	0.0000	0	
	6		M6061T6B0.750X01. f		3/4/2016	3/2/2016	12.0000	\$2.77	0.0000	0	\$33.26
	No		500 6061-T6 Bar .750 X f 1.50 m134377		12.0000	PLOU01		\$33.26	0.0000	0	
	7		M304R1.000 f		3/4/2016	3/2/2016	12.0000	\$3.94	0.0000	0	\$47.30
	No		304 round bar 1.00 f m134377		12.0000	PLOU01		\$47.30	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recy Date/ Recy Emp	Recy Qty (PO U/M)	Cost Per Unit/ Recy Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO31522	8		VC-COP001	Thyssenkrupp Materials CA Ltd	3/4/2016	3/2/2016	1.0000	\$173.67	0.0000	0	\$173.67
CAD	No		71550-15	Each	1.0000	PLOU01		\$173.67	0.0000	0	
			6061T6 BAR 2"								
			7.500" X 40" LONG								
			m134377								
	9		7140T-45		3/4/2016	3/2/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT		1.0000	PLOU01		\$0.00	0.0000	0	
			QUALITY CLAUSES								
			m134377								
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
170.0000											
0.0000											
0.0000											
\$1,001.16											
0.0000											

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 979653
Ship Date 01 Mar 16 at 10:33 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp 6 STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-901638- 1 Your PO # 31522

ALUMINUM SHEET 6061-T6
.0640 Nom X 48.0000" X 144.0000"

Heat Number Tag No
Z1507Y6106 507062

Quantity PCS Wt LBS
96.00 SFT 2 84

2) Our Order PEC-901638- 2 Your PO # 31522

ALUMINUM FLAT BAR 6061-T6511
2.00" x 5.00" X 144.0000"

Heat Number Tag No
106741 8 1-A-1 506983

Quantity PCS Wt LBS
12 FT 1 143

3) Our Order PEC-901638- 3 Your PO # 31522

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"

Heat Number Tag No
189796-1 506984

Quantity PCS Wt LBS
12 FT 1 36

4) Our Order PEC-901638- 4 Your PO # 31522

ALUMINUM FLT BAR ECONOPLT 6061-T6511
.750" X 8.00" X 144.0000"

Heat Number Tag No
Z00102116 506985

Quantity PCS Wt LBS
12 FT 1 85

5) Our Order PEC-901638- 5 Your PO # 31522

ALUMINUM FLAT BAR 6061-T6511
.750" x 6.00" X 144.0000"

Heat Number Tag No
106244-11-1-B-1 506986

Quantity PCS Wt LBS
12 FT 1 65

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: (1)
DART AEROSPACE

NO: PEC 979653
SHIP DATE 01Mar16 at 10:33 From PFW
PROBILL
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-901638- 6 Your PO # 31522

ALUMINUM FLAT BAR 6061-T6511
750" X 1.50" X 144.0000"

Heat Number
Z00256082

Tag No
506987

Quantity 12 FT PCS 1

Wt LBS
16

MTR

7) Our Order PEC-901638- 7 Your PO # 31522

STAINLESS STEEL ROUND BAR 304L
1.00" DIA X 144.0000"

Heat Number
X7R2

Tag No
506988

Quantity 12 FT PCS 1

Wt LBS
32

MTR

8) Our Order PEC-901638- 8 Your PO # 31522

ALUMINUM PLATE 6061-T651
2.00" THICK X 7.5000" X 40.0000"

Heat Number
70140900

Tag No
506944

Quantity 2.08 SFT PCS 1

Wt LBS
59

MTR

TOTAL: Tags 8 PCS 9 LBS 520

Heat Number

106244-11-1-B-1
106741 8 1-A-1
189796-1
70140900
X7R2
Z00102116
Z00256082
Z1507Y6106

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 2Continued

ALUMINIUM : LAITON : CUIVRE : PLASTIQUE : ACIER INOX
ALUMINUM : BRASS : COPPER : PLASTICS : STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

B I L L O F L A D I N G

No: PEC 979653

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 01Mar16 at 10:33 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID, 2 BDLS GW. 686 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
 .0640 Nom X 48.0000" X 144.0000"
 PART NO.

PO/Rel 31522

We certify that this is a true copy of the report
 furnished by the producer of the metal, or data
 resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-979653-001

1Mar16

Signed by: 

Pg 1/2

ZHENGZHOU MINGTAI INDUSTRY CO., LTD
 CHANGCHUN ROAD NO.6, HIGH AND NEW TECHNOLOGY ZONE,
 ZHENGZHOU HENAN CHINA
 TEL:+86-371-67898715 FAX:86-371-67898612

MILL TEST CERTIFICATE

BUYER: OLBERT METAL SALES LIMITED
 989 DERRY RD. EAST, SUITE 305 MISSISSAUGA,
 ONTARIO CANADA L5T 2J8

INVOICE NO.: ZOTO160901

CONTRACT NO.: 2049

LOADING PORT: QINGDAO, CHINA

DESTINATION: TORONTO

SHIPPING MARKS: N/M

DATE: SEP. 2 2015

DESCRIPTION OF GOODS:

ALUMINUM SHEET 6061/T651 AND 6061/T6 TO ASTM B209-14, AMS 4027N,
 ASTM B92B, ANSI H35.2-2013, ASME SB208 and AMS-QQ-A-250/11
 REF:2049 CIF

DAS

14

9-30

16/03/02

CHEMICAL COMPOSITION											
Heat No.	Alloy Temper	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others	Al
Z-1503Y8047	6061/T6	0.593	0.319	0.276	0.021	1.047	0.002	0.022	0.218	0.15	REMAINDER
Z-1507Y8108	6061/T6	0.61	0.375	0.268	0.072	1.035	0.005	0.023	0.187	0.15	REMAINDER
Z-1507Y8106	6061/T6	0.61	0.375	0.266	0.072	1.035	0.005	0.023	0.187	0.15	REMAINDER
Z-1507Y8106	6061/T6	0.61	0.375	0.268	0.072	1.035	0.005	0.023	0.187	0.15	REMAINDER
Z-1507Y8109	6061/T6	0.599	0.351	0.244	0.035	1.023	0.007	0.025	0.187	0.15	REMAINDER
Z-1507Y8109	6061/T6	0.599	0.351	0.244	0.035	1.023	0.007	0.025	0.187	0.15	REMAINDER
Z-1507Y8109	6061/T6	0.599	0.351	0.244	0.035	1.023	0.007	0.025	0.187	0.15	REMAINDER
ZB-1508Y6032	6061/T6	0.649	0.357	0.237	0.034	1.096	0.005	0.02	0.197	0.15	REMAINDER
ZB-1508Y6078	6061/T6	0.588	0.374	0.238	0.036	1.071	0.007	0.025	0.188	0.15	REMAINDER
ZB-1508Y6078	6061/T6	0.586	0.374	0.238	0.036	1.071	0.007	0.025	0.188	0.15	REMAINDER
ZB-1507Y8137	6061/T651	0.623	0.367	0.239	0.032	1.036	0.006	0.024	0.186	0.15	REMAINDER
ZB-1507Y8137	6061/T651	0.623	0.367	0.239	0.032	1.036	0.006	0.024	0.186	0.15	REMAINDER
ZB-1508Y6109	6061/T651	0.637	0.359	0.245	0.041	1.017	0.004	0.024	0.181	0.15	REMAINDER
ZB-1508Y6927	6061/T651	0.647	0.345	0.251	0.039	1.068	0.006	0.025	0.182	0.15	REMAINDER
ZB-1508Y6929	6061/T651	0.627	0.362	0.264	0.036	1.078	0.006	0.025	0.2	0.15	REMAINDER
ZB-1508Y6930	6061/T651	0.632	0.371	0.273	0.045	1.115	0.007	0.022	0.187	0.15	REMAINDER
MECHANICAL PROPERTY											
Heat No.	Alloy Temper	Specs(in)		Tensile strength (Mpa/ksi)		Yield Strength(Mpa/ksi)		Elongation %			
Z-1503Y8047	6061/T6	.063*48*144		332 48		315 46		11			
Z-1507Y8106	6061/T6	.063*48*96		350 51		337 49		13			
Z-1507Y8108	6061/T6	.063*48*120		350 51		337 49		13			
Z-1507Y8108	6061/T6	.063*48*144		350 51		337 49		13			
Z-1507Y8109	6061/T6	.125*48*96		339 49		315 46		15			
Z-1507Y8109	6061/T6	.125*48*120		339 49		315 46		15			
Z-1507Y8109	6061/T6	.125*48*144		339 49		315 46		15			
ZB-1506Y6032	6061/T6	.188*48*144		369 54		330 48		11			
ZB-1508Y6078	6061/T6	.188*48*96		332 48		302 44		14			
ZB-1508Y6078	6061/T6	.188*48*120		332 48		302 44		14			
ZB-1507Y8137	6061/T651	.250*48.5*96.5		340 49		318 46		15			
ZB-1507Y8137	6061/T651	.250*48.5*144.5		340 49		318 46		15			
ZB-1508Y6109	6061/T651	1.5*48.5*144.5		295 43		262 38		21			
ZB-1508Y8927	6061/T651	2.0*48.5*144.5		293 42		257 37		20			

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6

.0640 Nom X 48.0000" X 144.0000"

PART NO.

PO/Rel 31522

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-979653-001

1Mar16

Signed by: 

Pg 2/2

ZB-1508Y6929	6061/T651	2.5*80.5*144.5	294	43	258	37	22
ZB-1508Y6930	6061/T651	3.0*80.5*144.5	292	42	255	37	20

PRODUCER: ZHENGZHOU MINGTAI INDUSTRY CO., LTD

ZHENGZHOU MINGTAI INDUSTRY CO., LTD.
郑州明泰实业有限公司

代

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511
.750" X 8.00" X 144.0000"
PART NO.

PO/Rel 31522

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-979653-004

1Mar16

Signed by: 

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-272719-1		CUSTOMER PART NUMBER: W66/STK		PRODUCT DESCRIPTION: .750 X 8.000 PRECISION WIDE BAR	
KAISER ORDER NUMBER: 6001719	LINE ITEM: 001	SHIP DATE: 01/21/2016	KAISER LOT NUMBER: Z00102116	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 2032.000 LB	QUANTITY: 24.000 PCS	B/L NUMBER: 614543	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

14 16/03/02
9-39

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z0C102116	0001	C001	43.0	38.7	14.1	RE 92	N/A	N/A
Z00102116	0002	G001	42.1	37.8	11.3	RE 91	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105756	.61	.27	.18	.07	.88	.07	.05	.02	.00	.00	.00	.01	.04

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00213001

Kaiser Order Number: 6001719

Line Item: 001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"
PART NO.

PO/Rel 31522

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-979653-006

1Mar16

Signed by: *[Signature]*

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-270840-3		CUSTOMER PART NUMBER: 376/STK		PRODUCT DESCRIPTION: 750 X 1.500 SC RECT BAR	
KAISER ORDER NUMBER: 696665	LINE ITEM: 003	SHIP DATE: 10/27/2015	KAISER LOT NUMBER: Z00256082	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1016.000 LB	QUANTITY: 64.000 PCS	B/L NUMBER: 613668	DIAMETER/THICKNESS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA 14 9-39 16/03/02			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00256082	0001	0001	47.2	42.7	18.2	RE 92	N/A	N/A
Z00256082	0001	0002	46.9	42.2	20.7	RE 92	N/A	N/A
Z00256082	0001	0003	43.1	38.1	18.1	RE 90	N/A	N/A
Z00256082	0001	0004	43.2	38.2	17.8	RE 90	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105302	.59	.27	.20	.08	.85	.07	.07	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT I AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

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Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00200307

Kaiser Order Number: 696665

Line Item: 003

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 304L
1.00" DIA X 144.0000"
PART NO

PO/Ref 31522

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-979653-007

1Mar16
Pg 1/1

Certificate of Mill Test Results



740 Imperial Road North

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Certificate: 137381 12

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 1/29/2016 Page: 1

Customer: 007206 001

2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Steel: 304/304L
Finish: CD

Your Order: PEC272114

NAS Order: PN 0061232 01

Corrosion: ASTM A262-10 Prac A/E OK
Red Ratio: 69.4 : 1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/13a
ASTM A276/13, ASTM A479/13a, ASTM A182/13 CHEM ONLY,
ASTM A276/13, ASTM A479/13, ASTM A182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763C, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 ED DIRECTIVE
2011/65/EU, ROHS, EAF+AD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9.09 16/03/02

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Places	Commodity Code
BH7144 7		1.0000		1.333	144.00	13	1	

CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Span)

US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MM %	MO %	N %	NI %	P %
X7R2	US	.0248	.1725	18.0785	.4030	1.3305	.3035	.0779	8.5295	.0320

S % SI %
.0260 .2995

MECHANICAL PROPERTIES

Product Id	1 d o l c r	HB No.	.2YS KSI	UTS KSI	RA %	ELong % 4D
BH7144 7	R L	220.0	79.35	103.98	68.89	42.93

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

1/29/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE 6061-T651
2.00" THICK X 7.5000" X 40.0000"
PART NO.

PO/Rel 31522

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results


BL PEC-979653-008

1Mar16

Signed by: 

Pg 1/1

2073

MILL TEST CERTIFICATE	No: 35175	CERTIFIED SRAC-IQNet	
	Date: 12/15/2015	ISO 9001/2008 No.10/valid 2017	
			SLATINA

CUSTOMER : OLBERT METAL SALES LIMITED

CONTRACT/ORDER : 2073

BILL OF DELIVERY : 80268178

TRUCK/CONTAINER : MSCU 5004094

MATERIAL : ALUMINUM PLATES

ALLOY : 6061

TEMPER: T651

DIMENSIONS (mm) : 70140900 - 2"THX48.5"WDX96.5"LT
70140901 - 2"THX48.5"WDX144.5"LT

ACCORDING TO : ASTM B209; AMS 4027N; ANSI H35.2; ASME SB209; AMS-QQ-A-250/11

ACTUAL MECHANICAL PROPERTIES													1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2	
1 lbs = 0.4536 kg			UTS		YTS		Elong.%		Hardness					
			KSI		KSI		50mm		HB					
Specified values:			min.	max.	min.	max.	min.		min.					
			42		35		8							
LOT / BATCH		CASE	NET WEIGHT lbs	Measured values:										
70140900		425911;425913	4,700.259	48.3		44.2		11.5						
S35111093				48.3		44.1		10.5						
70140901		425835;425837	5,608.564	48.3		44.3		10						
S35111093				48.3		44.5		10						
ACTUAL CHEMICAL ANALYSIS %														
BATCH	SI	Fe	Cu	Mn	Mg	Cr	NI	Zn	TI	Ga	V	Al		
S35111093	0.67	0.5	0.34	0.15	1	0.18	0.011	0.087	0.014	0.009	0.021	REM.		
S35111093	0.67	0.5	0.34	0.15	1	0.18	0.011	0.087	0.014	0.009	0.021	REM.		
Acc. Standard	Min.	0.4	0.15	0.15	0.8	0.04						REM.		
	Max.	0.8	0.7	0.4	1.2	0.35	0.05	0.25	0.15	0.05	0.05			
Remarks:						Other-Each- Max.: 0.05			OthersTotal- Max.: 0.15					

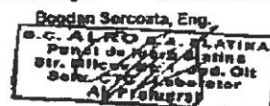
REMARKS

ACCORDING TO: ASTM B209:2014; AMS 4027N:2008; ANSI H35.2:2013; ASME SB209:2007; AMS-QQ-A-250/11:1997

* Typical value, for information only.

We hereby certify that the material detailed herein has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperature variations. The differences between metal and air must not exceed 11 °C. Please follow the recommendations of the Aluminum Association Guide for minimizing water staining, latest edition, for the unloading and storage of the material in your premises before usage. Also we certify that ALRO products complies with REACH legislation no. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals and CLP legislation no. 1272/2008 on classification, labeling and packaging of substances and mixtures.

According to EN 10204:2004 3.1



ALRO S.A. No.116, Pitești Street Phone: +(40) 0249 435 117; 0249 432 956 alro@alro.ro
230048-Slatina-ROMANIA Fax: (40) 0249 411 487; 0249 415 992 www.alro.ro

QUALITY CONTROL DEPT.

cod 11/PO-051/Rev.4/2012



THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE BAR 6061-T6511
2.00" x 5.00" x 144.0000"
PART NO.

PO/Rel 31522

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-979653-002

1Mar16
Pg 1/1

Certificate of Mill Test Results



Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

BILL TO	10038 - B01-ThyssenKrupp Materials NA, Toro	MANIFEST NUMBER	13927	DIE NUMBER	1409	DATE OF SHIPMENT	1/15/2016
SHIP TO	10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO	PEC-271852	ALLOY	6061	TEMPER	T6511
CUSTOMER PART NUMBER	MAKSHAN PART NUMBER	40-00804	DESCRIPTION	Flat Bar 2.000" X 5.000", Stenciled			
			SALESMAN	Scott Rarick			

OUR ORDER NUMBER	ITEM
106741	8

Applicable Requirements:

ASTM B21-14 AMS-QQ-A-200/B Rev
A (2012-09) ASME SB221 - 1998 sect II

DAS
14
9-39

16/03/02

Melted in USA
Manufactured in USA

Mechanical Properties

Lot
106741 8 1-A-1

Alloy
6061

Test No.
16010215

Test Date
01/09/16

Ultimate Tensile Strength (KSI)
50.4

Yield Strength (KSI)
45.7

Percent Elongation
13%

Chemical Limits

Alloy 6061	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15

Density:

Electrical Conductivity:

Thermal Conductivity:

Alloy Constant:

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
1601011	6061	0.71	0.35	0.28	0.10	0.92	0.06	0.01	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.49	0.00

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prod), and FAR TAA (FAR 52.225-5 Trade Agreements) Tempec T6511 meets T6 Requirements

Edward V. Rarick
Quality Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" x 144.0000"
PART NO.

PO/Rel 31522
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-979653-003

1Mar16
Pg 1/1

Certificate of Mill Test Results



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST

BILL TO THYSSENKRUPP MATERIALS, NA	CERT CODE: 9	DIE NUMBER S 22772	DATE OF SHIPMENT Feb/18/2016	EXTRUDEX ORDER NO. 189796 - 1	MANIFEST NO. 343614
SHIP TO THYSSENKRUPP MATERIALS, NA	CUSTOMER PO PEC-272764	ALLOY 6061	TEMPER T6511	MADE IN CANADA	
SOD DESCRIPTION 1.25"x2" FB	CUSTOMER PART NUMBER 22772-S	PART DESCRIPTION 1.25"x2" FB	SALESMAN FORBES DODWELL	CERTIFICATION ASTM B221-14 - AMS QQA 200/8	

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.12	6061	Feb/11/2016	41.30	38.70	15.30	88.8, 89.4, 89.2	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
16012541B	A.12	6061	0.56	0.17	0.21	0.01	0.8	0.08		0.01	0.01											Remainder

DAS
14
9.09 16/03/02

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

ALUMINUM PLAT BAR 6061-T6S11
750" X 6.00" X 144.0000"
PART NO

PO/Rel 31522

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-979653-005

IMar16
Pg 1/1



Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

BILL TO 10038 - B01-ThyssenKrupp Materials NA, Toro	MANIFEST NUMBER 12644	DIE NUMBER 1438	DATE OF SHIPMENT 11/18/2015
SHIP TO 10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO PEC-270861	ALLOY 6061	TEMPER T6S11
CUSTOMER PART NUMBER NANSHAN PART NUMBER 40-00729	DESCRIPTION Flat Bar 750" X 6.000" Stenciled	SALESMAN Scott Rarick	

OUR ORDER NUMBER 106244	ITEM 11
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Applicable Requirements:
ASTM B221-14 AMS-QQ-A-200/8
(2012-05) T6S11 also conforms to T6
ASME SB221 - 1998 sect II

Melted in USA
Manufactured in USA

DAS
14
9-09 16/03/02

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
106244 11 1-A-1	6061	15110399	11/12/15	48.5	44.5	14%		
106244 11 4-B-1	6061	15110521	11/15/15	50.8	45.7	17%		

Chemical Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
ALLOY 6061																				
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15
Density:																				
Electrical Conductivity:																				
Thermal Conductivity:																				
Alloy Constant:																				

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
1511012	6061	0.65	0.23	0.23	0.02	0.89	0.07	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01						97.86
1511027	6061	0.71	0.29	0.28	0.07	0.94	0.07	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01						97.56

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6S11 meets T6 Requirements

Edward Winick
Quality Manager

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6 S. 063

PO / BATCH NO: 31522/134377

DATE: 16/03/02

MATERIAL CERT REC'D: yes

QUANTITY RECEIVED: 96 st

QUANTITY INSPECTED: 96 st

QUANTITY REJECTED: _____

THICKNESS ORDERED: .063"

THICKNESS RECEIVED: .061"

SHEET SIZE ORDERED: 4' x 12'

SHEET SIZE RECEIVED: 4' x 12'

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>16/03/02</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: Alclad 7050
DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED 2.00X5.00
THICKNESS RECEIVED 2.00X5.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	
CORRECT REF # TO LINK CERT	(Y)	N	
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	DAS 14 9-09	SIGNED OFF BY: _____	
DATE: <u>16/03/02</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED 2.00X1.25
THICKNESS RECEIVED 2.00X1.25
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	
CORRECT REF # TO LINK CERT	(Y) N	
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	DAS 14 9-39	SIGNED OFF BY: _____	
DATE: <u>16/03/02</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606T6
DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED .750X8.00
THICKNESS RECEIVED .750X8.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	<u>N</u>	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>16/03/02</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
 DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED .750X6.00
 THICKNESS RECEIVED .750X6.00
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>16/03/02</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .750X 1.50
THICKNESS RECEIVED: .750X 1.50
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	14 9-39	SIGNED OFF BY: _____	
DATE: <u>16/03/02</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304
DATE: 16/03/02

PO / BATCH NO: 31522/134377

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: R 1.00
THICKNESS RECEIVED: R 1.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	
CORRECT REF # TO LINK CERT	(Y) N	
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>16/03/02</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31522**

Purchase Order Date 2/26/2016

PO Print Date 2/26/2016

Page Number 1 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone

Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

FEB 26 2016

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6S.063	6061-T6 .063 Sheet	3/4/2016 Yes 3/4/2016		96.00 sf	\$2.91	\$279.50
Line Total:							\$279.50
2	M6061T6B2.000X05.000	6061T6 Bar 2.00 x 5.000	3/4/2016 Yes 3/4/2016		12.00 f	\$26.44	\$317.25
Line Total:							\$317.25
3	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	3/4/2016 Yes 3/4/2016		12.00 f	\$6.75	\$81.00

PO Instructions: QUOTE # PEC ST-900427,PEC ST-900586

Note:

2/26/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
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PURCHASE ORDER

Purchase Order ID **PO31522**

Purchase Order Date 2/26/2016

PO Print Date 2/26/2016

Page Number 2 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

				Line Total:	\$81.00
4	M6061T6B0.750X08.000	6061-T6 BAR .750" X 8.00"	3/4/2016 Yes 3/4/2016	12.00 f	\$15.94 \$191.25
				Line Total:	\$191.25
5	M6061T6B0.750X06.000	6061T6 BAR .750 X 6.00	3/4/2016 Yes 3/4/2016	12.00 f	\$11.81 \$141.75
				Line Total:	\$141.75
6	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	3/4/2016 Yes 3/4/2016	12.00 f	\$3.75 \$45.00
				Line Total:	\$45.00

PO Instructions: QUOTE # PEC ST-900427,PEC ST-900586

Note:

2/26/2016



Dart Aerospace Ltd.
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31522**

Purchase Order Date 2/26/2016
PO Print Date 2/26/2016

Page Number 3 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

7	M304R1.000	304 round bar 1.00	3/4/2016	12.00	\$5.33	\$64.00
			Yes	f		
			3/4/2016			

Line Total: \$64.00

8	71550-15	6061T6 BAR 2" 7.500" X 40 " LONG	3/4/2016	1.00	\$235.00	\$235.00
			Yes	Each		
			3/4/2016			

Line Total: \$235.00

Deliver To: REGIS

9	71401-45	PROCUREMENT QUALITY CLAUSES	3/4/2016	1.00	\$0.00	\$0.00
			No			
			3/4/2016			

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

PO Instructions: QUOTE # PEC ST-900427,PEC ST-900586

Note:

2/26/2016



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PURCHASE ORDER

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Purchase Order Date 2/26/2016

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Page Number 4 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

Line Total: \$0.00

PO Total: \$1,354.75

PO Instructions: QUOTE # PEC ST-900427,PEC ST-900586

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 2/26/2016